

IN THE CLAIMS:

1. (Currently Amended) A frame in a cathode ray tube, the frame comprising:
a pair of main frames ~~main frame~~ for fixing a shadow mask; and,
a pair of subframes attached to end portions of the pair of main frames
subframe for supporting the pair of main frames ~~main frame~~, thereby supporting the
shadow mask with a tension applied thereto, wherein ~~the~~ each subframe has a protruded
part protruding toward the shadow mask for minimizing deformation of the main frames
~~main frame~~ caused by the tension on the shadow mask, ~~the~~ each subframe being symmetric
~~in symmetry~~ in left and right directions with respect to a center of ~~the~~ each subframe.
2. (Currently Amended) A The frame as claimed in claim 1, wherein the protruded
part of ~~the~~ each subframe is formed ~~as the subframe itself is deformed by deforming the~~
subframe into a curved form.
3. (Canceled)
4. (Currently Amended) A The frame as claimed in claim 1, wherein the protruded
part of ~~the~~ each subframe ~~is formed to have~~ comprises a surface that extends parallel to the
shadow mask formed by bending the subframe ~~itself~~ many at least two times.

5. (Canceled)

6. (Currently Amended) ~~A~~ The frame as claimed in claim 1, wherein ~~the~~ each subframe is extends parallel to the shadow mask except for the protruded part.

7. (New) The frame as claimed in claim 1, wherein the protruded part extends along and parallel to an opening of the subframe less than a length of the opening.

8. (New) The frame as claimed in claim 1, wherein the pair of subframes are welded to end portions of the main frames.

9. (New) The frame as claimed in claim 1, wherein the pair of subframes are attached to lower surfaces of the main frames.

10. (New) The frame as claimed in claim 1, wherein the subframes are bent widthwise to form a first portion that extends away from the shadow mask and a second portion that extends towards the shadow mask at a central portion of the subframe.

11. (New) A frame assembly in a cathode ray tube, the frame assembly comprising:

a pair of subframes attached to a pair of main frames at ends of the subframes, wherein each subframe comprises:

sloped portions that extend from the ends of the subframe and are sloped toward a center of the subframe;

horizontal portions that extend from the sloped portions toward a center of the subframe, wherein the horizontal portions are substantially parallel with the shadow mask and are located a first distance from the shadow mask; and

a protruded part located between the horizontal portions that protrudes toward the shadow mask so that a center of the protruded part has a second distance from the shadow mask that is less than the first distance.

12. (New) The frame assembly of claim 11, wherein the second distance is based upon a required tension for the shadow mask.

13. (New) The frame assembly of claim 11, wherein the protruded part has a curved shape.

14. (New) The frame assembly of claim 13, wherein the curved shape is symmetrical about the center of the protruded part.

15. (New) The frame assembly of claim 11, wherein the protruded part has a rectangular shape.

16. (New) The frame assembly of claim 15, wherein the rectangular shape has a surface that extends substantially parallel to the shadow mask.

17. (New) The frame assembly of claim 11, wherein the protruded part has a trapezoidal shape.

18. (New) The frame assembly of claim 17, wherein the trapezoidal shape has a surface that extends substantially parallel to the shadow mask.

19. (New) The frame assembly of claim 11, wherein a width of the protruded part is based upon a required tension for the shadow mask.

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